

# JSON WEB TOKEN

## 1. Cài đặt

```
npm install jsonwebtoken
```

## 2. Require

```
let jwt = require('jsonwebtoken');
```

## 3. Mã hoá

```
const SECRET_KEY = "Kh732ndG^29dh$$^";

function sign(obj){
  return jwt.sign(obj, SECRET_KEY, { expiresIn: 5 })
}
```

## 4. Giải mã

```
function decode(token){
  try{
    return jwt.verify(token, SECRET_KEY);
  }catch(e){
    return 'LOI: ' + e;
  }
}
```



## 5. Cookie parser

```
var cookieParser = require('cookie-parser');  
app.use(cookieParser());
```

## 6. Gán cookie

```
res.cookie('token', x);
```

## 7. Lấy cookie

```
console.log(req.cookies);
```

## 8. Làm mới token

```
function getNewCookie(en){  
  let obj = decode(en);  
  obj.exp = Math.floor(Date.now() / 1000) + 5;  
  return jwt.sign(obj, SECRET_KEY);  
}
```